

Title (en)
PLUG-IN HYBRID VEHICLE WITH FAST ENERGY STORAGE

Title (de)
EINSTECK-HYBRIDFAHRZEUG MIT SCHNELLER ENERGIESPEICHERUNG

Title (fr)
VEHICULE HYBRIDE ENFICHABLE A STOCKAGE D'ENERGIE RAPIDE

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Application
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Abstract (en)
[origin: US2006250902A1] This invention relates to plug-in hybrid propulsion systems where the energy storage element of the hybrid drive train may be charged with externally supplied electricity as well as energy from the engine or regenerative braking. The invention is a plug-in hybrid system with a fast energy storage and delivery system. In a preferred embodiment the invention comprises a fuel powered engine, a battery, a fast energy storage system, power converters, controllers, drive motors, an electrical distribution system, and a drive train. Additionally, the invention relates to plug-in hybrids that provide services to the electrical utility when the vehicle is connected to the utility grid.

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